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L.C. Transfer

NOV 20 1920

(Rose Glory)

(Orange Glory)

(Anthony B.Kunderd

E.J. Shaylor M

CADOV 1921

Introduction

UR FRIENDS and patrons all over the world will be pleased to know that they can again this year secure our wonderful new strains of Gladiolus. It is a great pleasure during the flowering season each morning to walk among thousands of new seedlings, never before bloomed, and watch for the rare gems that now and then unfold new beauty. It is like finding a rare pearl or a fine diamond.

For the coming season I am offering some choice new varieties which I hope will merit your approval. If you want something choice, something out of the usual and that is not everywhere common, it will interest you to look carefully over this catalog. If you have friends whom you know love flowers you can do them a great favor by telling them of our beautiful Gladioli, or send us their address, for which we will thank you, and we will send them our catalog.

The Gladioli described in this catalog are all of our own production, and very different, especially the ruffled varieties, from any other strains. These are now eagerly sought by plant-breeders and Gladiolus specialists, as well as other admirers of beautiful flowers from all over the world.

As the originator of The Ruffled Gladiolus (and many others), it is a special pleasure this season to again be able to offer our customers and friends many new and beautiful kinds for their 1921 gardens.

Each coming year we shall offer additional new varieties, at least equally distinct and beautiful, to meet the requirements of the most discriminating lover of the Gladiolus. By this method you will be able to add, from year to year, something new, something grand, and which is not everywhere plentifully common. We are also offering an entirely new race of Giant Fall Blooming Gladioli (see pages 4 and 5) in both the plain and ruffled petals.

In making these selections our judgment is based on exhaustive studies and comparative trials of millions of new seedlings of our own, as well as the very best of other strains from all sources, for more than thirty years. How well we have succeeded can be seen in the fact that one of our varieties, "Mrs. Frank Pendleton", is now generally conceded to be the most magnificent of all Gladiolus. Another of our productions, "Mrs. Dr. Norton" (offered on page 22), easily won first honors for the best new variety shown before The American Gladiolus Society the last six years, in competition with the best productions from the world's leading originators.

I am well aware that many new varieties are constantly being introduced (far too many); it is therefore my sincerest endeavor to offer only such new kinds, from year to year, as are of distinct appearance and highest quality. Every variety offered by me must be clearly different from any other. Descriptions are necessarily brief and do not near do the varieties justice. Our varieties are unusually prolific in increase, and, as we offer many new ones when yet in small supply, the first cost (which may sometimes seem rather high) is in fact very moderate. We offer many fine testimonials throughout this book, which, if you will read, will satisfy the most critical of the truth of my strongest claims.

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GLADIOLUS "KUNDERDII GLORY"

This is the first Ruffled Gladiolus, scientifically produced, ever sent out. It is a beautifully creamy apricot with deeper tint of pink on outer edges of petals and has fine red feathered markings in the throat. With special culture has been grown up to six feet in height. It has received many certificates and awards. We give it first place, as it is the parent of many new ruffled varieties. "Kunderdii Glory" was at first sold at \$1.00 each, but in the hands of a skillful breeder was easily worth a thousand dollars. It is now well known all over the world and generally sells for about 10 cents.

Why We Catalog Only Our Own Productions

S WILL BE RECOGNIZED at a glance, we have produced entirely new races of Gladiolus, with the most distinct characteristics of any. This is the result of over a quarter century of research, collection, cross-breeding and development. Thousands of these new varieties are being tested and propagated, and the finest will be offered to our customers each following year.

In order to produce the utmost possible results in perfecting our labors and giving our friends the best, we do not spare any of our time in growing the standard varieties and other strains, excepting in a limited way for our own comparisons.

There are many other choice varieties produced by prominent specialists in these beautiful flowers, and we are very happy indeed to see them all enjoying the success of their well-deserved popularity. Naturally, we keep in touch with the leading growers and specialists, and will gladly assist any of our friends to obtain any variety not in our lists, at current prices, or we will be pleased to direct you to other growers from whom you can secure them.

After more than a quarter century of scientific study and production of Gladiolus, we now have the largest collection of all new varieties in the world. All are of our own production, and embrace the first scientifically "created" ruffled strains. These are coming in many forms and races, and thousands of color combinations. The first one introduced was "Kunderdii Glory", now grown all around the world. Soon after, we sold to the W. W. Rawson Company our famous variety "Mrs. Frank Pendleton". In 1910 Mr. Montague Chamberlain bought 300 varieties, originated and grown separately by us, and which contain such well-known sorts as "Mrs. Montague Chamberlain", "Rajah", "Mrs. G. W. Moulton", "Mary Fennell", "Daisy Rand", and many others. A fine collection, including "Ida Van", "Rosebud", etc., was later sold to Mr. M. F. Wright; "Gaity" and "Fairie" to The Cushman Gladiolus Company, and a famed variety, "Mrs. W. E. Fryer", to Mr. W. E. Fryer. "Orchid Spot White", to E. T. Flanagan.

Mr. Clark W. Brown bought our "Mongolian" and "A. W. Clifford". Seven years ago we sold to Mr. L. Merton Gage the main stock of "Mrs. Dr. Norton", which was overwhelmingly awarded first honors for the best new variety shown in August, 1915, at the American Gladiolus Society's convention at Newport. Several years ago Vaughan's Seed Store bought from us the variety "Chicago White", and recently we sold to A. P. Bonvallet & Co. the bulk of the magnificent pink variety, "Myrtle".

The above is only a small portion of the kinds which were produced on our grounds, as space will not allow us to enumerate more here. Of hundreds of varieties the entire stocks were sold. Of others, such as "Mrs. Frank Pendleton", "Ida Van", "Mrs. Dr. Norton", "Myrtle" (and a few others), a limited number

of bulbs were reserved in the sales contract in order to furnish our own grown bulbs of these to our customers.

Many of our varieties have become standards and can now be had from seedsmen and Gladiolus specialists, although most are obtainable only from us. Many of them have received first-class certificates, silver medals and awards from the Massachusetts Horticultural Society, The American Gladiolus Society, Royal Horticultural Society of England, etc.

Last August again one of our varieties (Mrs. Thomas Cogger) was awarded The American Gladiolus Society's silver medal for best new seedling. August 6, 1919, we were awarded a silver medal by the North Shore Horticultural Society of Manchester, Mass., for best collection.

The wavy or ruffled petals were the first object sought, but many wonderful varieties with the plain petals have been produced from this strain by the originator. The exceptional novelty, peculiar individual excellence and perfection of form of these strains, we believe, justifies our offering them to the public in a class by themselves.

Special Offer for Early Orders

With all orders of \$10.00 or over, mailed before Jan. 1, 1921, we will send one bulb each of "Purple Glory", "Myra", and "Alice Tiplady" extra.

With all orders of \$25.00 or over, mailed before Jan. 1, 1921, we will send one bulb each of "Snow Glory", "Primunella", and "Mona Lisa" extra.

With all orders of \$50.00 or over, mailed before Jan. 1, 1921, we will send your choice of "Indian Summer" (illustrated on page 5, described on page 4) or "Fern Kyle" (a large ruffled flower of finest creamy white color; not yet listed this season, as stock is too limited). Both of these varieties are worth \$25.00 per bulb. Should your order reach us after stock of one or the other is exhausted we reserve the right to send the other variety instead.

These offers are made solely in appreciation of receiving your orders early, in advance of our order-filling season, and to popularize our wonderful new productions.

Only one of the above offers can be allowed to a customer in one season.

For new varieties, first offered this year, see pages 6 and 7 (Ruffled), pages 13, 14 and 15 (Plain), and page 28 (Primulinus Varieties).

Entirely New Race of Kunderdii Gladiolus

These come into bloom about a month later than other late flowering kinds planted at the same time and will give you fine flowers after all others are past blooming. This is a very vigorous race, and produces plants even larger than other varieties.

See special offer for early orders on page 3.









NO. 163

R. W. & G.

23 New Ruffled Wonders for 1921 Kunderdii Type

These Varieties are Offered this Year for the First Time

These varieties are choice time I can for the I mic
BONNY—A lavender tinted pink, tinged old rose. A pretty flower of uncommon color Each, 25c. Doz., \$2.50
BUCKEYE—Very large massive bloom of fine rose pink color with tint of old rose at edge of petals. A beautiful large rose red throat. Very good
CHARM—Pure deep rose pink. A large and wonderful flower of beautiful shades, perfectly harmonized. A perfect blotch of deep red on lower petals. Grand and distinct
DEW DROP—Exceedingly beautiful white, delicately blushed. Lower petals are pastel cream, medium blotch. Choice
FAIRLAND—Large well expanded flower on tall spike. Vermillion scarlet, lighter toward center. Lower petals very beautifully blotched, finest shade of deep red. Extra fine
FAVORITE—Beautiful orange salmon, deeper in throat. Tall, strong, vigorous plant with many large finely ruffled flowers open at a time. Very fine Each, 50c. Doz., \$5.00
GLORIOUS—Tall, strong plant. Many blossoms open at a time. Soft cream color with depest creamy apricot throat, beautifully marked. Extra choice
GENE—Beautiful yellow. Throat finely marked and penciled pink. Tall, showy spike Each, 50c. Doz., \$5.00
GYPSIE QUEEN—Large beautiful orange red. Edge of petals faintly bordered bluish. Extra Each, 50c. Doz., \$5.00
HUMMING BIRD—Deep rose with lavender sheen. Lower petals almost covered with beautiful blotches. Looks like an orchid. Exceptionally distinct and showy
KENOSHA—Extra fine rich rose red. Beautiful deeper throat marking Each, 35c. Doz., \$3.50
MASTERPIECE—A magnificent ruffied "American Beauty" rose color. Giant flower and plant. Extremely fine
MEMORIES—Softest creamy white upper petals. Lower petals light canary yellow, nicely traced pink. A tall, showy plant with abundance of bloom Each, 50c
NUBIAN—Bright deep rose pink. Fine soft yellow and deep rose throat. Many flowers open at a time
ONEGA—Fine deep lavender rose. Large deep purplish red throat. A choice decorative variety
PEEP O'DAY—Tall, beautiful blushed pink on white ground. Long feather barred

- RUFFLED AMERICA—Almost a reproduction of "America", but is very well ruffled. Throat slightly deeper. An extra grand variety........Each, \$1.00. Doz., \$10.00
- SULPHUR GLOW—A beautiful shade of yellow. Many well expanded, intensely ruffled flowers open at a time. Illustrated on front cover.........Each, \$1.00. Doz., \$10.00
- SMILES—Large flower of Glory type.
 White petals with fine rose pink
 on outer edges. Splendid......
 Each, 50c. Doz., \$5.00
- SUMMER BLOSSOM—A very delightful shade salmon-rose pink. Beautiful deeper throat. Very well ruffled......Each, 35c. Doz., \$3.50
- TWILIGHT Beautifully blushed creamy buff with throat of grandest yellow and pink. Magnificent. Each, 75c. Doz., \$7.50

COLLECTION OFFERS

- Collection No. 1—Entire collection of 23 varieties described on pages 6 and 7 (value, \$15.70), for \$14.00.
- Col. No. 2 Omitting "Masterpiece", 22 varieties (value, \$13.70), for \$12.25.
- Col. No. 3 Omitting all valued at \$1.00 and above, 17 varieties (value, \$8.70) for \$7.75.
- Col. No. 4—Omitting "Humming Bird", "Memories" and "Nubian", and all valued at 75c and above, 11 varieties (value, \$4.95) for \$4.50

NOTE

When ordering collections, please order by number.

See special offer for early orders on page 3.

A Very Ruffled Gladiolus



CRINKLES

One of our new varieties. Selected by Prof. L. H. Bailey for his article on Gladiolus in New Encyclopedia of Horticulture. (See page 8.)

Gladiolus Kunderdii (Ruffled Varieties)



AEOLIAN (1916)—Tall, deep salmon rose. Pale rose-blue bordered petals. Very large and fine. Rare color...Each, 75c. Doz., \$7.50

ALTON (1917)—A wonderfully ruffled variety of finest orange color. A magnificent new gladiolus. Illustrated. Each, \$1.00. Doz., \$10.00

AMERICAN INDIAN (1916)—Round flower. Fine velvety red; deeper red throat. Good size. Strongly ruffled...Each, 35c. Doz., \$3.50

ANTHONY B. KUNDERD (1918)—Tall, large, intensely ruffled flower of delicate deep cream color. Overspread finest blush pink. Entire lower petals beautiful primrose cream flushed pink at edges. Grand......Each, \$1.00. Doz., \$10.00

ARDMORE (1917)—Tall lavender pink, deeper throat blotches, finely ruffled....

Each, 35c. Doz., \$3.50

AZALEA (1915)—Not so tall as "Kunderdii Glory". White ground color, very azalea-like in color, and beautiful throat markings. A choice variety......

Each, 20c. Doz., \$2.00

CINNABAR (1916)—A large, self-colored red. Many open. A grand and brilliant red Each, 50c. Doz., \$5.00

CINNAMON BEAR (1916)—Rich, deep violet red; deeper throat. Large, fine blooms. An extra variety of this color.....Each, 25c. Doz., \$2.50. 100, \$18.75

CRESTON (1917)—Tall, large, fine ruffled white variety. Many flowers open at a time. Very beautiful throat. Grand ruffled variety....Each, 50c. Doz., \$5.00

CULEBRA (1918)—White tinted salmon blush, deeper at border. Beautiful throat Each, 50c. Doz., \$5.00

DREAM (1918)—Large, massive bloom. Deep salmon red. Large, very showy blotches. Extra grand..................Each, 50c. Doz., \$5.00. 100, \$37.50

E. J. SHAYLOR (1918)—Tall, very strong plant and large blooms. A beautiful, pure, deep rose-pink. Was awarded Certificate of Merit by Royal Hort. Society of England, Aug. 10, 1920. Very choice.....Each, 50c. Doz., \$5.00.

- JOE COLEMAN (1915)—Very large and vigorous. Rich red. Fine................. Each, 25c. Doz., \$2.50. 100, \$18.75

- LA VANGE (1918)—Tall, large white. Large pink throat. Showy and fine.... Each, 50c. Doz., \$5.00
- LILITH (1918)—Grand orange salmon. Beautiful throat.... Each, 35c. Doz., \$3.50
- MARIE KUNDERD (1918)—A wonderful white. As early as "Chicago White". Of purest white with an almost invisible soft pink line in center of lower petals. Grandest of all whites. Illustrated on page 16........Each, \$5.00 (Awarded First Class Certificate of Merit by North Shore Hort. Society, Manchester, Mass., summer of 1919.)
- MONA LISA (1917)—Strong plant. Many flowers open at a time. Of palest soft rose pink, or blushed white. A magnificent almost pure self color. Gorgeous. Each, 75c. Doz., \$7.50. 100, \$56.25
- MOTTLED BEAUTY (1915)—Extra large, well ruffled bloom, and vigorous plant. The flower has a most strikingly mottled and flaked ground color, with large and beautifully penciled blotches in throat. Reminds one of a Speciosum Lily.

 Each, 50c. Doz., \$5.00
- NAMPA (1917)—Large white, fine ruffledEach, 35c. Doz., \$3.50
- NYMPH (1918)—Tall, strong. Light lavender rose-pink. Creamy primrose throat. A ruffled "Mary Fennell" Each, 50c. Doz., \$5.00

- ORANGE GLORY (1915)—Kunderdii Glory type. Grand orange colored, wtih beautiful lighter throat. Very rich and striking color. Beautiful and distinct.

 Each, 50c. Doz., \$5.00. 100, \$37.50
- PINK BEAUTY BLOTCH (1915)—Large flowered. Strong plant. Fine pink, with beautiful blotches on lower petals......Each, 20c. Doz., \$2.00. 100, \$15.00

- PRIDE OF GOSHEN (1915)—A giant "Kunderdii Glory" of a salmon or flesh pink. Flowers very large and petals elegantly waved. Exceptionally tall and vigorous plant. "General appearance imposing"..Each, 15c. Doz., \$1.50. 100, \$11.25
- PRINCESCO (1917)—Very similar to "American Indian", but longer pointed petals Each 35c. Doz., \$3.50
- RED, WHITE AND GOLD (1915)—A giant in plant and foliage, with a massive spike and good sized flowers. Upper portion of bloom, pure white. Lower petals entirely of a rich lemon yellow clear to the edge, with a beautiful pelargonium-like blotch of richest red on each...Each, 75c. Doz., \$7.50. 100, \$56.25
- RITA (1918)—A very fine ruffled yellow with pretty red throat......Each, 35c
- ROSALIND (1918)—Dark analine red, deeper throat. Distinct and grand...... Each, 75c. Doz., \$7.50
- ROSE GLORY (1916)—A very large and beautifully ruffled variety. Purest rosepink color. Deeper in throat. Extra fine...Each, 50c. Doz., \$5.00. 100, \$37.50
- SAW TOOTH (1917)—A distinct shade of garnet red. A very pretty flower spike. Petals bordered with small, dainty rufflesEach, 20c. Doz., \$2.00
- SCARLANO (1917)—Light, bright orange-red. Fine spike and flower, finely ruffled Each, 50c. Doz., \$5.00. 100, \$37.50

- SNAPDRAGON (1915)—Tall spike, fair sized flower. Reminds one of a snapdragon in its remarkable form. Large, rich pure yellow throat with bright red border. Exceptionally distinct and beautifully ruffled..............Each, 50c
- SPLENDORRA (1916)—Splendid, very dark wine-black. A fine, rich, distinct sort Each, 25c. Doz., \$2.50
- TRION (1917)—A ruffled variety much like "Kunderdii Glory", but white.......

 Each, 30c. Doz., \$3.00

- VIOLET BEAUTY (1916)—Tall, large, cerise-violet. Grand red throat blotches. Beautiful Each, 25c. Doz., \$2.50. 100, \$18.75
- VIOLET GLORY (1916)—Massive flower. Rich self-color, deep violet; deeper throat. Medium ruffled. Extra......Each, 50c. Doz., \$5.00

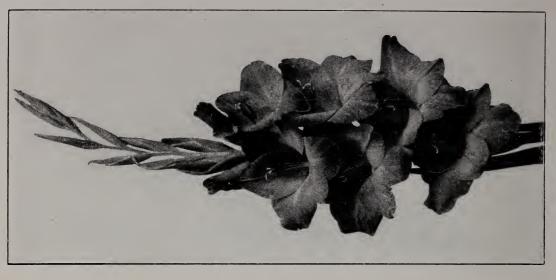
- WHITE IVORY (1915)—Like "Ivory", but taller and still more intensely ruffled.

 Snow white ground, with beautiful red blotches on lower petals. Very extra
 Each, 35c. Doz., \$3.50
- WHITE KING (1915)—As tall as "Kunderdii Glory", very rich sulphur white, splendidly ruffled, and nicely marked on lower petals. (Synonym "Patrician")
 Each, 10c. Doz., \$1.00. 100, \$7.50
- YOUELL'S FAVORITE (1915)—One of Henry Youell's (Sec'y Am. Gladiolus Soc'y) favorites among our ruffled varieties. Large flower and plant. Striking rosy lavender pink. Conspicuous and fine...... Each, 20c. Doz., \$2.00. 100, \$15.00
- NO. 163 (1915)—Tall, large flowered, velvety, glowing dark red with darker throat. A rich and showy variety. Illustrated on page 5.................Each, \$1.00

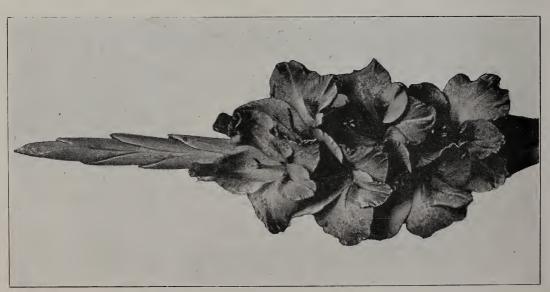
COLLECTION OFFERS

- Collection No. 5—Entire collection of 69 varieties described on pages 8, 9, 10 and 11 (value, \$43.65) for \$37.10.
- Col. No. 6—Omitting "Marie Kunderd" and "Snow Glory", 67 varieties (value, \$33.65) for \$28.60.
- Col. No. 7—Omitting all valued at \$2.00 and above, 65 varieties (value, \$29.65) for \$25.20.
- Col. No. 8—Omitting all valued at \$1.00 and above, 58 varieties (value, \$22.65) for \$19.25.
- Col. No. 9—Omitting all valued at 75c and above, 52 varieties (value, \$18.75) for \$15.40.
- Col. No. 10—Omitting all valued at 50c and above, 36 varieties (value, \$10.15) for \$9.10.
- Col. No. 11—Omitting all valued at 35c and above, 19 varieties (value \$4.20) for \$3.75.
 - Note—When ordering collections, please order by number. See special offer for early orders on page 3.









Fifty-Three New Gems

From the same strains as	our "Kunderdii"	type, but without	ruffled petals.
(Some are lightly	ruffled.) Offered t	this year for the firs	st time.

ATLANTIC—Tall, showy, brilliant orange salmon, light throat. Many large flowers open at a time. Distinct, showy and fine Each, 30c. Doz., \$3.00
ALPHA—Deep salmon red, pure white throat. Very pretty Each, 40c
AL SHIRA—Large, very dark wine red, with large, almost black throat. Tall and showy Each, 50c. Doz., \$5.00
ATREUS—Grandest pure rose pink of most delicate shade. Strong grower and very, very beautiful
BLUE LILY—Light violet blue. Medium size flowers. Five and six open at a time. Graceful stem
BUMBLE BEE—Large, broadly expanded flower of purest salmon rose pink. Ground penciled blue. Magnificent throat of deeper color. Each, 50c. Doz., \$5.00
CRIMSON SPUR—One of our best varigated varieties. Ground white, striped beautifully with crimson Each, \$1.00
CHEER—Bright calmon red. Large all white throatEach, 25c. Doz., \$2.50
COLORS—Of deepest dark wine maroon. Exquisite lower petals entirely covered by richest velvety dark red, most beautifully mottled and flaked cream Each, 35c. Doz., \$3.50
Cherry Spot—Much like "Cherry King". Considerably darker with much deeper throat blotches. An excellent deep red Each, 25c. Doz., \$2.50
DORRIT—A large delicate pink with faint blush of lavender tint
EBONY—Large blooms, dark brownish red. Unusual and fine. Each, 50c. Doz., \$5.00
ENIGMA—Tall plant with large flowers. Strikingly striped red, white and blue. Is all that the name implies. Illustrated on page 27Each, \$1.00. Doz., \$10.00
EXQUISITE—American Beauty rose color. Self color. Large and strong Each, 75c. Doz., \$7.50
EPHEUS—Large flower of beautiful rose pink, deeper at edges of petals. Rose and white lined throat
ELATE—Brilliant red. Throat feathered and barred yellow and white. Tall plant with magnificent long drooping ribbon-like foliageEach, 25c. Doz., \$2.50
FROLIC—Tall, stately plant. Many fine rose pink flowers open at a time. Flaked deep rose pink or red. Choice striped variety Each, 25c. Doz., \$2.50
FLAMING VALE—Very tall, long spikes with large deep cardinal red flowers. Throat a little deeper. Pure self color effect. Very good Each, 50. Doz., \$5.00
FIRE GLOW—Tall, very showy orange vermillion of almost same color as "King Humbert" canna. A grand variety Each, 50c
HELGA—Fine salmon rose. Deeper rose and cream on white ground. Unusually graceful spike, tall and handsome plant Each 35c. Doz., \$3.50

HOLLYHOCK—Strong, nicely tinted white with large crimson blotches on lower petals. All six petals are nearly of the same size, making the flower almost round. Very large. This variety is in a class by itself. Each, \$1.00. Doz., \$10.00
HESTIA—Choice orange salmon. Feathered throat markings. Half ruffled Each, 25c. Doz., \$2.50
HOOSIER—A giant flower of finest salmon rose. Throat blotches as large and beautiful as in "Mrs. Frank Pendleton". Color of blotches, violet maroon Each, 75c. Doz., \$7.50
INDIAN—Strong plant, large well-expanded flowers. Many open at a time. Color of deep aniline or Indian red
IMMENSITY—Tall, strong plant. Bright salmon color. Very large flowers and many open at a time. Very choice
JULIA—A tall large-flowered beautiful vermillion red. Deeper throat
LILAC UNIQUE—Deep lilac, deeper throat, large flowers. Fine
LA CREAM—Most delicate light cream ground color, softest sulphur throat perfectly blended. Delicate blush on back of bloom and spikes. Very refined
MILDA—Tall, pale old rose with large deep dark red throat. FineEach, 50c
MENLO—A very large orange vermillion, deeper throat. "Kunderdii Glory" type. Extra fine Each, 35c
ORPHEUM—Deep rose, deeper throat. Self color. Tall, graceful spikes Each, 35c. Doz., \$3.50
OTHELLO—Tall, stately plant. Flowers a lavender tint on white ground. Dark royal purple throat
OLD SMOKY—Tall, smoky blue with deep dark red throat. Very pretty Each, 25c. Doz., \$2.50
RED COPPER—Large flowers, deep salmon rose heavily flaked blue. Lower petals red, white and yellow, lined and penciled with blue. A choice fancy color Each, 50c. Doz., \$5.00
ROSE UNIQUE—Tall, very large and expanded flowers. Pure rose color with rose red feathered blotch on lower petals. ChoiceEach, 25c. Doz., \$2.50
RED PLUME—Very beautiful red with large exceptionally beautiful bird-like deep red throat blotches
REMEMBRANCE—Tall spike, many large flowers open at a time. Deep salmon rose pink. Large and beautiful throat blotchesEach, 35c. Doz., \$3.50
RED CLOUD—Grand. Bright red. Many open. White bar in three lower petals Each, 50c. Doz., \$5.00
RARITY—Very tall, vigorous plant. Flowers of bright lavender tinted old rose. A rare shade
SALMON PLUME—Clear salmon flesh, deeper at edges of petals. A pretty red throat. Choice
${\tt SUMMER} \\ - {\tt Orange \ vermillion \ with \ large \ deep \ pure \ canary \ yellow \ throat.} \ {\tt Each, 50c}$
SUNSHINE—Large, deep orange red with beautiful yellow throat, finely stippled red at edges Each, 50c

TRANQUIL—Tall, showy plant with many fine deep blood red blossoms open at a time. Each petal finely and distinctly bordered pure white. Very unusual... Each, 50c. Doz., \$5.00 TINTING—Tall, vigorous plant. Flowers large, many open at a time. Deep cream or light buff with cream yellow lower petals. Blotches of a fine shade of deep red Each, 50c. Doz., \$5.00 TARO-Large flowers on strong spikes. American Beauty rose color. A new shade among gladioli Each, 75c. Doz., \$7.50 UNUSUAL-A fine aniline red, lower petals deeper. Beautifully striped and veined white Each, 25c. Doz., \$2.50 VISTULA—Rich deep violet purple. Tall, graceful spike...Each, 25c. Doz., \$2.50 VIRGINIA HALE-Beautiful soft creamy salmon rose, deeper towards border of VIVIAN-Bright orange on salmon pink ground. Throat, same color beautifully stippled on deep yellow Each, 35c WHITE PIGEON-A most wonderful pure all white. Very large blooms, six to eight open. A strong, healthy grower and rapid propagator..... Each, \$2.00. Doz., \$20.00 WHITE PLUME—White "America" seedling, soft pink blushed. Lower petals elegantly shaded deeper..... Each, 50c. Doz., \$5.00 WHITE ORCHID-A very large and well-opened white. Dark red throat. Tall and showy Each, 25c. Doz., \$2.50 ZULEMA-An almost white "America" seedling with beautiful blush over entire

COLLECTION OFFERS

- Collection No. 12—Entire collection of 53 varieties described on pages 13, 14 and 15 (value, \$26.65) for \$22.65.
- Col. No. 13—Omitting "White Pigeon", 52 varieties (value, \$24.65) for \$21.00.
- Col. No. 14—Omitting all valued at \$1.00 and above, 48 varieties (value, \$20.65) for \$17.50.
- Col. No. 15—Omitting all valued at 75c and above, 42 varities (value, \$16.15) for \$14.50.
- Col. No. 16—Omitting all valued at 50c and above, 25 varieties (value, \$7.55) for \$6.75.

Note—When ordering collections, please order by number.

See special offer for early orders on page 3.

The Wonderful New White Ruffled Gladiolus



MARIE KUNDERD

Awarded First-Class Certificate of Merit by North Shore Horticultural Society, Manchester, Mass., Summer of 1919.

See special offer for early orders on page 3.







SNOW GLORY

An Extra Choice Collection

From same strains as our "Kunderdi" type, but without ruffled petals. (Some are lightly ruffled.) All our own productions.



ABERDEEN (1917)—A very beautiful lavender tinted pink. Distinct and fine Each, 15c. Doz., \$1.50. 100, \$11.25 ADRIATIC (1918)—Deep wine blue. Blue and red throat. Extraordinary, beautiful Each, 50c. Doz., \$5.00 AGATHA (1918)—Deep peach blossom pink. A grand variety..... Each, 50c ALHAMBRA (1917)—An exceedingly brilliant vermillion scarlet. Extra Each, 35c. Doz., \$3.50. 100, \$26.25 AMERICAN PILLAR (1918)—Light rose overspread deeper rose. Garnet blotch on all petals. Upright flowers. Splendid. Each, 75c AMERICANUS (1916)—An "America" seedling. White, flushed delicate pink. Fine barred and penciled throat. Choice and beautiful Each, 25c. Doz., \$2.50. 100, \$18.75 ANILINE (1915)—A fine, deep aniline red. An unusual color. Beautiful Each, 15c. Doz., \$1.50. 100, \$11.25 ANTHEM (1918)—Light rose red. Throat deeper. Very beautiful self-colors... Each, 25c. Doz., \$2.50 ARIZONA ROSE (1915)—A very large flower of finest rose-pink color. Almost a self-color. Very choice Each, 15c. Doz., \$1.50. 100, \$11.25 ARLINGTON (1917)—Very rich deep lavender rose-pink, deeper throat. Very good Each, 20c. Doz., \$2.00 ASHBURN (1917)—A very massive salmon red, flaked deeper. Showy... Each, 20c. Doz., \$2.00. 100, \$15.00 ATHERTON (1918)—Deep salmon rose. Petals clearly blue bordered. A beautiful variety Each, 35c. Doz., \$3.50. 100, \$26.25 BARONESS (1918)—Deep lilac or violet red. Rich, attractive and beautiful... Each, 75c. Doz., \$7.50 BIG BLACK (1915)—An extra large flower of a very pure, rich, deep red, selfcolor. Very rich, distinct and showy......Each, 35c. Doz., \$3.50 BILLY RED (1916)—Much like "Gov. Hanly", but taller and larger blooms. Tall, fine, splendid deep redEach, 20c BLACK BIRD (1916)—Tall, large-flowered Lemoinei type. Very dark, entire lower petals almost black. A fine dark variety................Each, 25c. Doz., \$2.50 BLACK EYE (1916)—Very tall and fine, almost a black-red. The real black-eyed Each, 30c. Doz., \$3.00 BLACK PANSY (1915)—Of richest dark red. Beautiful pansy-like throat. ExtraEach, 20c. Doz., \$2.00

BLUE ORCHID (1916)—Rich self violet blue; black blotch with golden heart on lower petals. Extra Each, 50c. Doz., \$5.00 BLUE IRIS (1916)—A fine, light-colored iris-blue. The entire flower veined like an iris with a darker blue...... Each, 50c. Doz., \$5.00

BLUE ISLE (1916)—A good-sized lilac-blue, dark red blotches. A fine blue..... Each, 30c. Doz., \$3.00 BRIGHT RED (1915)—Brightest vermillion red. Self-color.. Each, 25c. Doz., \$2.50 BYRON L. SMITH (1917)—One of the very best. Most refined lavender pink on white ground. Exceedingly fine as a cut flower. Color equal to a very choice CAIRO (1917)—Red. White lines extending from base of darker throat. Fine and distinct Each, 20c. Doz., \$2.00. 100, \$15.00 CANARY QUEEN (1917)-Very refined sulphur yellow. Many fine good size flowers open at a time. Very attractive....Each, 25c. Doz., \$2.50. 100, \$18.75 CHALLENGER (1915)-Very large and vigorous plant. Giant, dark rich velvety red, solid color. An extraordinary fine new variety..... Each, 25c. Doz., \$2.50. 100, \$18.75 CHARLIE KOHLER (1916)—Tall, large flower, most brilliant scarlet. A very showy, distinct self-color..... Each, 15c. Doz., \$1.50 CHERRY KING (1915)—Bright, rich cherry color. Deeper throat. Very lily-like flower and beautiful Doz., \$1.00 CHICAGO WHITE (1917)—A very early, choice florists' variety. Each, 5c. Doz., 50c CINCINNATUS HEINE (1916)—Purest white with faintest blush. Softest creamy yellow throat. Named for the great poet. Very beautiful......Each, 30c. Doz., \$3.00. 100, \$22.50 CIRCE (1916)—Very early, tall, deep dark red. A large, extra fine dark flower.. Each, 35c. Doz., \$3.50 COPRE (1916)—Similar to "Grandeur". Equally distinct and beautiful...... Each, 30c. Doz., \$3.00. 100, \$22.50 CORUNNA (1916)—Large flower with wide-spreading petals. Has a remarkably large, almost coal-black throat, bordered white. An extraordinary flower. (Named in honor of the little Indiana village near which the originator of these CYMBALINE (1915)—A large, beautiful, bright, deep velvety aniline color. Very showy red of unusual color. Very beautiful. Each, 15c. Doz., \$1.50. 100, \$11.25 DAISY RAND (1917)—Softest deep salmon pink over white ground. Beautiful green throat base. A first-class and beautiful variety..... Each, 30c DARKEST (1916)-Slender, graceful plant and neat flower. The darkest red we have. Attractive Each, 50c DEFIANCE (1916)—Very large and massive. Tall, many open. Delicate blushwhite, fine throat. Extra grand......Each, 35c. Doz., \$3.50. 100, \$26.25 DELIGHT (1916)—Tall, early, Lemoinei form. Richest fiery orange-vermillion. A magnificent deep, pansy-blotched throat. Grand......Each, 25c. Doz., \$2.50 DIXIE (1917)—One of the very deepest and richest, almost black, red.... ·····Each, 20c. Doz., \$2.00. 100, \$15.00 DONORA (1917)—A fine wine color. Medium size. Beautiful of this shade.... Each, 15c. Doz., \$1.50 EARLY BLACK (1916)—Early, tall, slender spike. Deep ruby-red, flaked deeper. White mottled throat. Neat and graceful... Each, 15c. Doz., \$1.50. 100, \$11.25

EARLY PENDLETON (1916)—Almost like "Mrs. Frank Pendleton". Much earlier and more blossoms open at a time. Gracefully placed flowers on a graceful spike. A fine seedling of "Pendleton".....Each, 50c. Doz., \$5.00. 100, \$37.50

EL CAPITAN (1915)—Very tall spike. Softest sulphur tint, slightly marked lower petals. A dozen or more good sized blooms open at a time. Good
ELKHART (1917)—Lavender rose, deeper throat blotch. An extraordinary rich color. Unusually choice and fine
ESTA (1918)—Tall, strong, clear white with slight halo. An ideal cut flower Each, 35c. Doz., \$3.50. 100, \$26.25
ESTELLA (1916)—One of the largest gladiolus. Fine deep rose-pink. Mammoth and beautiful
FAIR COLUMBIAN (1915)—Tall, vigorous plant, with large, fine, showy, lilac-pink blossoms. Deeper throat. GoodEach, 25c. Doz., \$2.50
FAIREST WHITE (1918)—Purest white, softest pink throat lines. Etherially beautiful. Illustrated on cover
FAIRFIELD (1916)—Tall, vigorous. Giant flower. Very symmetrical. Beautiful dark maroon color. Extra
FARIE (1915)—A delicate creamy pink flower with cream throat. Very fine Each, 25c. Doz., \$2.50
FAYETTE (1917)—A giant salmon-rose of distinct general appearance
FIRE RIBBON (1915)—Tall, with many blooms open at a time. The spike is a long, fiery band of glowing red. Exceedingly rich and strikingly showy. Magnificent. Illustrated on page 37Each, 25c. Doz., \$2.50. 100, \$18.75
FLORAL TREASURE (1916)—Tall "America" seedling. Deeper pink. Very rich color
GAIETY (1915)—Bright salmon pink, flaked deep salmon red. Very conspicuous pure white blotches on lower petals. Large flower and tall spikes. Exceptionally attractive
GAY BOY (1916)—Very early, bright dark rose, heavily flaked darker. Beautiful throat and flower Each, 30c. Doz., \$3.00
GIANT FAWN (1915)—Very large, deep fawn yellow, faintly blush-pink bordered. Beautiful red line in throat. An extra large yellowEach, 50c. Doz., \$5.00
GIANT MYRTLE (1918)—Much larger, showier, softer pink than "Myrtle". In a class with "Mrs. Dr. Norton"
GIANT SALMON (1917)—Much like "Fayette" but moderately ruffled. A very showy flower and plant
GIANT WHITE (1915)—An extra large white of great size and substance. Pure white with elegant slight marking on lower petals
GLENCOE (1917)—An extra fine, large, very dark redEach, 15c. Doz., \$1.50
GOLDEN BUFF (1918)—Golden buff with yellow lower petals. Distinct and fine. Illustrated on page 36
GOLD THROAT (1915)—A large, fine pure yellow throat on a splendid, deep, bright blood red ground. Showy
GOV. HANLY (1915)—Tall, showy, early, rich cardinal red, with deeper throat color. A first-class bedding and cut flower variety. Illustrated on page 37Each, 15c. Doz., \$1.50. \$11.25
GRANDEUR (1916)—Very massive, deep vermillion pink. Large, graceful and exceptionally distinct and heautiful Fach 30c. Doz. \$3.00. 100, \$22.50

HERNDON (1917)—Fine flesh white, delicate deeper throat. Good. Half ruffled.
.....Each, 15c. Doz., \$1.50

- HILO (1917—Fiery orange vermillion, flaked deeper. Showy white throat. Fine. Each, 20c. Doz., \$2.00
- IDA VAN (1915)—A most beautiful deep salmon red, or flaming orange-pink. Very rich and brilliant color. Highest award at Cleveland, and certificate of merit at London, England...............................Each, 10c. Doz., \$1.00. 100, \$7.50
- ↓ EXCEL (1916)—Very tall. Large flower. Bright light rose-red. Many open. Magnificent throat Each, 25c. Doz., \$2.50. 100, \$18,75
- ILION (1918)—Very early, brilliant red. Attractive plant. A beautiful red..... Each, 25c. Doz., \$2.50
- INDIANOLA (1918)—A beautiful salmon rose-pink...... Each, 25c. Doz., \$2.50
- KILIMA (1918)—Tall, slender plant. Beautiful creamy salmon blush. Very elegant Each, 25c. Doz., \$2.50. 100, \$18.75
- LARGE BUFF (1915)—A fine shade of soft buff, sometimes blushed. Rose penciling in throat. A fine tint of apricot buff. A rare and beautiful color.......

 Each, 10c. Doz., \$1.00

- LITTLE DAISY (1916)—Medium height, fair-sized blooms of a most refined apple blossom pink. Very beautifulEach, 20c. Doz., \$2.00

- MALVERN (1917)—Tall, deep lavender rose-pink. Extra beautiful pansy-like throat. Very distinct and showy.........Each, 20c. Doz., \$2.00. 100, \$15.00
- MAGENTA (1918)—A beautiful large flower near "American Beauty" rose color. Grand Each, 35c. Doz., \$3.50. 100, \$26.25
- MARBLE BARRED (1915)—Tall, very large flower, beautifully striped on white ground. Throat is elegantly stippled and flaked with finest tintings. An extra choice and dependable variegated variety...Each, 25c. Doz., \$2.50.
- MARY FENNELL (1917)—Deep lilac, shading paler. Soft primrose yellow throat. Extra Each, 20c. Doz., \$2.00

- MISS U. S. A. (1918)—Daintiest bluish white. Very pure, refined and beautiful Illustrated on page 27 Each, 25c. Doz., \$2.50
- MONON (1916)—Tall, dark rose-pink, flaked darker, and darker throat. White inner upper throat. Very large and fine.............Each, 30c. Doz., \$3.00
- MRS. A. E. KUNDERD (1915)—Large flowered, tall, superbly formed white with slight tint of blush-pink. A truly magnificent white....Each, 15c. Doz., \$1.50
- MRS. ARTHUR MEEKER (1917)—Exceptionally fine, rich deep American Beauty rose color. A very beautiful and unusual color.....Each, 50c. Doz., \$5.00
- MRS. FRANK PENDLETON (1915)—Bright rose-pink on a pure white ground. A giant blotch of richest carmine red on lower petals. No grander variety in existence. Awarded highest honors of The American Gladiolus Society, Mass., Horticultural Society, and many others.....Each, 15c. Doz., \$1.50. 100, \$10.00
- MRS. W. E. FRYER (1915)—Very showy orange scarlet. Finest bedder of its color Each, 25c. Doz., \$2.50

- NEUTRALITY (1916)—An "America" seedling. Larger plant and flower. Purer pink and showier, better form. Extra.....Each, 50c. Doz., \$5.00. 100, \$37.50
- NEOGA (1917)—Dark garnet red, deeper throat. Half ruffled. A rich dark red. Each, 15c. Doz., \$1.50. 100, \$11.75
- NOXALL (1918)—Massive, pure white with dainty beautiful throat. Extra good. Each, 40c. Doz., \$4.00. 100, \$30.00
- OAK PARK (1917)—A splendid white, slightly marked throat. Each, 15c. Doz., \$1.50
- OCILLA (1917)—Very large white. Rose-red throat. Fine and beautiful...... Each, 20c. Doz., \$2.00
- OPHELIA (1918)—Tall, slender, graceful, all white. An ideal florist's white......
 Each, 40c. Doz., \$4.00

- OLD GLORY (1915)—A fine shade of dark red, elegantly striped all over the large blooms with pure white. Also pure white bordered petals. A grand fancy show sort. No other near like this one..........Each, 35c. Doz., \$3.50. 100, \$26.25
- ORADELL (1917)—A massive salmon, deeper throat. Half ruffled. Distinct.... Each, 25c. Doz., \$2.50

- PAREXCEL (1915)—Of purest deep salmon pink, with finest large Pelargonium-like throat blotches. Grand......Each, 20c. Doz., \$2.00. 100, \$15.00
- PEACH ROSE (1917)—An extra choice and distinct deep rose-pink of remarkable color and appearance. A very beautiful variety. 4X...Each, 75c. Doz., \$7.50 "Peach Rose" was awarded First-class Certificate of Merit by Mass. Hort. Society, Summer of 1919.

- PRIMROSE BEAUTY (1918)—Tall, strong. Very large, primrose yellow. Extra Each, 25c. Doz., \$2.50. 100, \$18.75
- PURPLE PANSY (1915)—Tall, slender plant. Plenty of blooms open at a time. Richest deep purple, fine pansy-like throat.....Each, 30c. Doz., \$3.00

- RAJAH (1917)—A well known, very choice red...... Each, \$1.00
- RED AMARILLAS (1915)—Brilliant blood-red flower of giant size on medium height plant. Blooms formed like an Amaryllis. Most gorgeous and showy red. Was awarded first for best red at the Soc'y of Am. Florists' Convention, Am. Gladiolus Society Show, Boston.......Each, 15c. Doz., \$1.50. 100, \$11.25
- RED CIGAR (1917)—Tall plant, extra fine foliage. Flowers brilliant self-colored red. Rarely opens fully. Resembles a large, fiery cigar. Each, 25c. Doz., \$2.50
- RED DIAMOND (1917)—A very large and beautiful deep orange red. Very open, broad-flowered, beautifully spaced on tall spike. Very rich and showy.....

 Each, 50c. Doz., \$5.00
- RED KNIGHT(1917)—Large, very unusual deep ox-blood red. Exceptionally distinct and fine self-color.............Each, 50c. Doz., \$5.00. 100, \$37.50
- RED WING (1915)—Fine red, good height, medium size flower. Many blooms open at a time. Beautifully blotched throat.....Each, 10c. Doz., \$1.00. 100, \$7.50
- ROBERT J. KUNDERD (1918)—Medium tall, very large, most brilliant deep vermillion or orange scarlet. A wonderful showy self-color. Illustrated.. Each, \$2.00

- ROMANCE (1918)—Large, orange, salmon rose, red and yellow throat. Wine blue bordered petals. Unusually distinct and very showy. . Each, \$1.00. Doz., \$10.00
- 1910 ROSE (1915)—Very large flower, pure rose pink of extra fine shade. Narrow white central line on lower petals.........Each, 20c. Doz., \$2.00. 100, \$15.00
- ROSE BUD (1916)—Strong, vigorous. Very beautiful light rose-pink. The opening flower is of beautiful rose-bud form.....Each, 25c. Doz., \$2.50

- SILVER LACE (1916)—Another very fine "America" seedling. A most beautiful soft-tinted blush, almost white. Silvery plush, or frosted silver finish. The name describes it. Distinct and fine.................Each, 35c. Doz., \$3.50
- SNOW FLAKE (1915)—An all-white, large flower on good plant. Without any tint or markings. A fine new all-white.................Each, 25c. Doz., \$2.50
- SPECIAL (1918)—Tall, deep lavender blue. Large red blotches. One of the finest blues Each, 50c. Doz., \$5.00
- SUMMER BEAUTY (1915)—No finer pink. Very choice, deep salmon, distinct shade. Tall and showy. Grand......Each, 15c. Doz., \$1.50. 100, \$11.25

- ULYSSES (1916)—Much like "King Smoke", but not quite so much flaked and not ruffled. A fancy or rich colored variety....Each, 35c. Doz., \$3.50. 100, \$26.25
- UNIQUE (1918)—Tall, large, finest salmon pink. Extra good and showy......

 Each, 30c. Doz., \$3.00. 100, \$22.50
- VERNON (1918)—Deep salmon rose-red, heavily flaked blue. Large white throat bordered bright red. Large and very showy...........Each, 30c. Doz., \$3.00
- VILLA (1916)—Very dark, flaked almost black. Lower petals nearly black to edge, with slight white median lines. Splendid.............Each, 20c. Doz., \$2.00
- VINTON (1918)—Deep salmon pink. Deeper red blotches, bordered finest yellow. A beautiful variety Each, 25c. Doz., \$2.50. 100, \$18.75

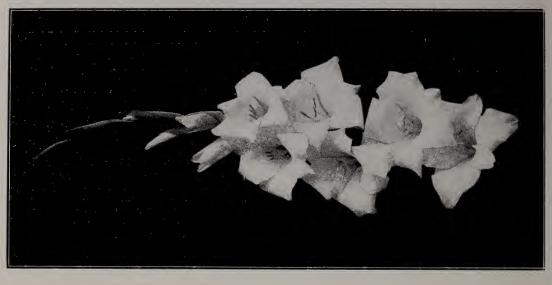
- WETONA (1918)—Much darker and deeper flaked than "Rajah". Darker throat. A giant "Black" Each, 50c. Doz., \$5.00
- WHITE PENDLETON (1917)—A magnificent, very large, round white, with as beautiful a throat blotch as "Pendleton". Extra good. Each, \$1.00. Doz., \$10.00
- WINEDROP (1917)—Large, deep, dark wine red with an unusual large and showy, almost black-eyed throat. Very distinct and showy..... Each, 25c. Doz., \$2.50

COLLECTION OFFERS

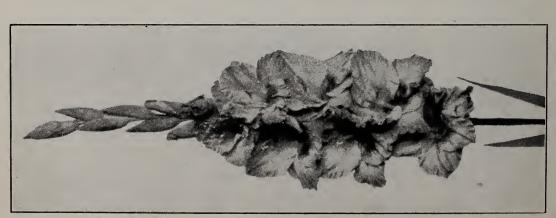
- Collection No. 17—Entire collection of 159 varieties described on pages 18, 19, 20, 21, 22, 23, 24 and 25 (value, \$59.35), for \$50.40.
- Col. No. 18—Omitting "Paramount", "Giant Myrtle" and "Robert J. Kunderd", 156 varieties (value, \$50.35) for \$42.75.
- Col. No. 19—Omitting all valued at \$1.00 and above, 149 varieties (value, \$43.35) for \$36.80.
- Col. No. 20—Omitting all valued at 50c and above, 122 varieties (value, \$29.10) for \$24.70.
 - Col. No. 21—Omitting all valued at 35c and above, 101 varieties (value, \$21.60) for \$19.40.
 - Col. No. 22—Omitting all valued at 30c and above, 89 varieties (value, \$18.00) for \$16.20.
 - Col. No. 23—Omitting all valued at 25c and above, 51 varieties (value, \$8.50) for \$7.65.
 - Col. No. 24—Omitting all valued at 20c and above, 28 varieties (value, \$3.90) for \$3.50.
 - Note—When ordering collections, please order by number.

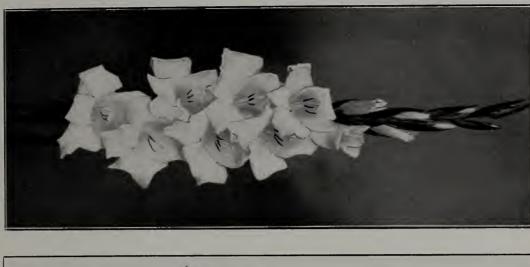
 See special offer for early orders on page 3.

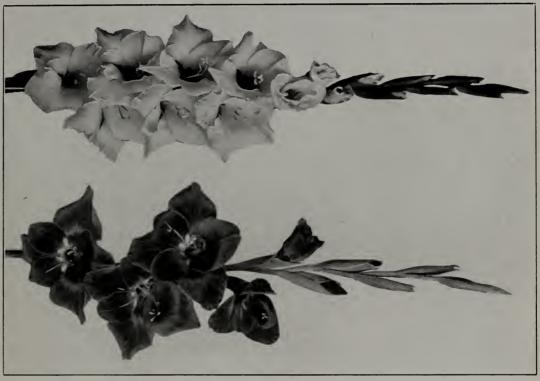


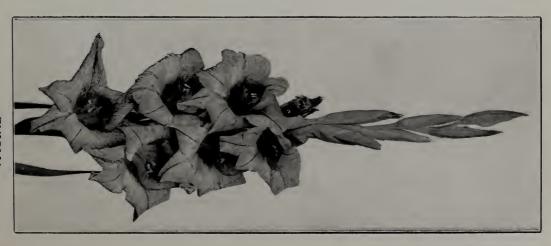












New Primulinus Hybrids (Kunderdii)

"As Lifelike as Butterflies, as Graceful as Orchids"

Primulinus hybrids are distinguished mainly for their fine and various shades of yellow, orange and saffron colors, graceful slender stems and airily poised flowers. Our strains of these vary from other strains of Primulinus hybrids as our Kunderdi differ from other strains of Gladiolus. Our mixtures of these contain many equal to most of the named kinds.

Read the following opinion of Mr. Maurice Fuld, of New York, seedsman, author and lecturer, founder of The American Gladiolus Society, and one of the

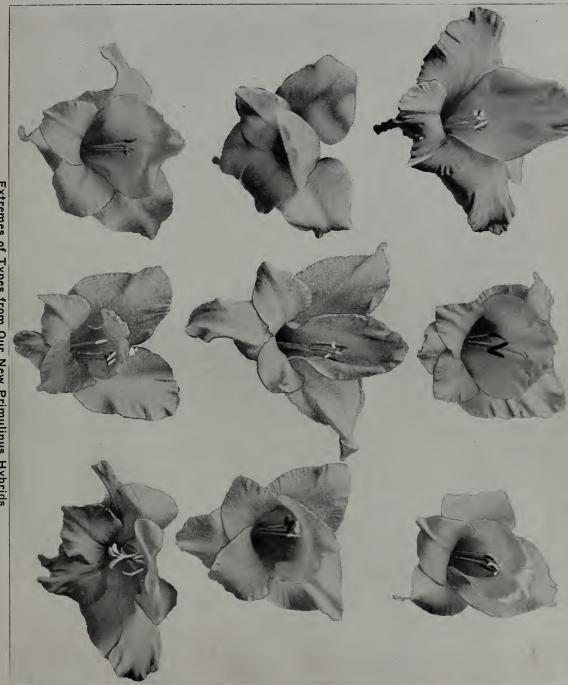
best judges of the newer Gladiolus:

"You must know the species called 'Primulinus' before you can fully appreciate what Kunderd has produced. . . In the whole world, Mr. Kunderd's new introduction will, for a long time to come, rank as the greatest achievement in Gladiolus culture. . . . The name of Kunderd stands today for the best and choicest in Gladioli of American origin, and to his credit we can recall a host of the best prize winners in our whole collections."

THIS COLLECTION IS OFFERED THIS YEAR FOR THE FIRST TIME

All marked thus (R) are Ruffled Varieties.

ARDEN (R)—Tall, large-flowered, finely open, gracefully placed, many open, deep watermelon red......Each, 35c. Doz., \$3.50 BOBOLINK-Tall, slender spike, orange tinted yellow with entire lower petals of richest deep daffodil yellow, deeper in throat. Extra grand and beautiful...... Each, 75c. Doz., \$7.50 CLIO—Tall, very slender, of beautiful orange color with deep yellow throat. Ele-DORIS-Slender, graceful plant, creamy white blossoms with deep canary cream colored throat. Finely blended......Each, 30c. Doz., \$3.00 EDA-Tall and massive. Deep salmon buff overspread deeper salmon red. Deeper throat with beautiful lines...... Each, 50c. Doz., \$5.00 EDEN—Tall, light salmon or flesh pink, deeper at border of petals. Lower petals white blushed at edges. Fine canary yellow throat.....Each, 35c. Doz., \$3.50 GOLD FINCH (R)-Very tall and strong, large flowers. Soft canary yellow, beauti-GOLDEN BUTTERFLY—Grand canary yellow color. Lower petals deeper yellow, faintly blushed on outside of upper petals. Very wide open, butterfly form. Each, 50c. Doz., \$5.00 NIGHTINGALE—Tall, graceful plant with softest rose-pink blooms. creamy white, blended with pink in throat..... Each, 35c. Doz., \$3.50 SONIA—Beautiful, large, bright red. Unusual shade among Primulinus...Each, 50c. Doz., \$5.00 SVEA-A dainty salmon pink with lower petals of deep canary yellow blended to pink at border Each, 25c. Doz., \$2.50 SHELL PINK—Tall, large-flowered rose pink with beautifully slight mottled white throat. Very choice..... Each, \$1.00. Doz., \$10.00 THOTH-A large white Primulinus variety with deep canary yellow throat. Very harmonious color blendings......Each, 75c. Doz., \$7.50 TWINKLES—Tall, slender and graceful plant. Flower is finest shade of salmon rose. Throat of a lighter shade of the same color, blushed over a dainty buff ground. Choice Doz., \$5.00



haustless. almost exthem, and their other still difbinations are varying color flowers among feernt forms of tints and com-There are

strain.

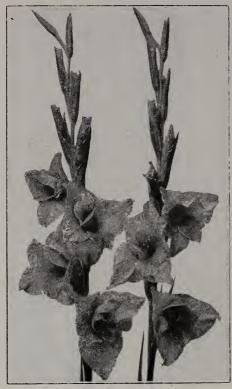
found in this forms to be and orchid-like

very varying

Showing the

HYBRIDS

One-Half Size (Kunderdii)



"BUTTERFLY"

Primulinus Hybrids

The New Race of Gladiolus

NEW and beautiful race of Gladiolus has been produced by using the fine yellow species "Primulinus", or "Maid of the Mist", in crossing with the older existing strains. The varieties resulting are distinguished mainly for their fine and varying shades of yellow, graceful slender stems, and airily poised and hooded flowers.

No other race of Gladiolus contains such varied and beautiful tints of yellow, orange and saffron colors.

A glance at the illustrations on pages 29 and 30 will reveal to any one the great beauty and difference in our strain of Primulinus Hybrids from all others, not alone in the ruffled feature (which is of our production), but also in the remarkable and varying butterfly and orchid-like forms. Some have ruffled petals, some plain and some intermediate. No other strains of Primulinus Hybrids compare with these; no others are like them.

All marked thus (R) are Ruffled Varieties.

ALBIA (1916)—Tall, many open. Richest rose pink, lighter throat. Extra fine
throat markings Each, 25c. Doz., \$2.50
ALBION (1916)—Very large salmon rose pink. Beautiful throat
ALETHEA (1918)—Purest deep canary yellow. Lower petals deeper, with light golden throat lines. A very pure and beautiful yellow. Each, \$1.00. Doz., \$10.00
ALICE TIPLADY (1915)—Primulinus species X yellow Kunderdi. A grand, large Primulinus of most beautiful orange saffron color. Very choice
"Alice Tiplady" was awarded First-class Certificate of Merit by North Shore Hort. Society, Manchester, Mass., Summer of 1919, and many others.
ALTAIR (1916)—Extra tall, of finest salmon saffron. A grand color Each, 25c. Doz., \$2.50. 100, \$18.75
ANAMOSA (1916)—Extra tall. Finest orange salmon. Very large. Many open. Golden throat. Very beautiful and beautifully markedEach, 25c. Doz., \$2.50
ANGOLA (1916)—A fine salmon pinkEach, 15c. Doz., \$1.50. 100, \$11.25
ANITA (1916)—An extra tall, richest canary yellow. Deeper throat. Many open. Very good
ARGO (1915)—Grand, tall, large. The Primulinus Myrtle. Extra
ARLON (1918)—Very large wide petaled flower of light salmon. Grand red throat with deeper central lines. Showy and conspicuous
ASTRA (R-1918)—Pale sulphur yellow. Very delicate and refined
BOQUET (R-1918)—Of light yellow color. Lower petals deeper and beautifully penciled pink. A pure, daintily colored and beautiful variety

BUTTERFLY (R-1915)—Kunderi Glory X species Primulinus. Very strong and vigorous. Large, pale, salmon yellow, ruffled flowers. Illustrated on page 30
CANOPUS (1915)—Large, rich, solid yellow, fine shade of deeper yellow throat. Extra Each, 25c. Doz., \$2.50
CAPELLA (1915)—Tall, very bright, fiery orange red. Very large and choice Each, 25c. Doz., \$2.50. 100, \$18.75
CASSANDRA (1918)—Soft salmon buff, deeper on outer border. Very good Each, 20c. Doz., \$2.00
CUTIE (1918)—Tall, slender, graceful plant. Small rich yellow blooms, oddly notched or crimped. Neat and daintyEach, 20c. Doz., \$2.00
DEXTER (1916)—Tall. Purest blush rose-pink; throat richest creamy yellow. Purest of self-colors. 4X
ELBERTON (1916)—Tall, finest creamy yellow. Lower petals much deeper. Large. Very pure, rich color
ELEGANT BEAUTY (R-1918)—Large, grand salmon. Grandly ruffled. Very beautiful Each, \$1.00
ENON (1918)—Large, deep cream yellow and orange. Choice, chaste and beautiful Each, 50c. Doz., \$5.00
FAUN (1918)—Bronzy pink on soft yellow ground. Distinct and beautiful Each, 25c. Doz., \$2.50. \$18.75
FIRE FLY (1916)—Extra bright richest deep scarlet. Pure rich self-color. 4X Each, 50c. Doz., \$5.00. 100, \$37.50
FLORIAN (1918)—Tall, slender. Deep old rose, tinted violet. Neat little flowers. Each, 25c. Doz., \$2.50
GLADNESS (1918)—Lavender rose. Deeper outside. Penciled yellow throat. Elegant cut flower
GOLD DROP (R-1915)—An extra large, pure deep yellow, with beautiful red line on petals. Beautifully ruffled. 4X. GrandEach, \$2.00. Doz., \$20.00
GOLDEN GATE (R-1915)—Tall, vigorous. Large, showy yellow, finely ruffledEach, 35c. Doz., \$3.50. 100, \$26.25
 IOLA (1916)—Tall, graceful. Many medium-sized blooms open at a time. Deep yellow. Very fine
golden veined rose. Very choice and very ruffledEach, 35c. Doz., \$3.50 MIDSUMMER DREAM (1918)—A large, beautiful geranium red. Showy, fine
MYRA (1918)—A new and giant flowered Prim. Hybrid. Deep salmon over yellow
ground. Tall, slender stem. Yellow throat with pink lines. Exquisitely showy, grand
NOPAL (1918)—Purest soft salmon rose-pink. Very delicate and refined Each, 35c. Doz., \$3.50
NORTH STAR (1916)—Good size; very rich, deep yellow. Throat very beautiful deeper yellow. Extra
NOVA (R-1918)—Large, broad, soft canary, delicately blushed. Extra grand Each, 50c. Doz., \$5.00
NYDIA (1918)—Small flowers. Bright salmon-rose. Graceful, dainty Each, 30c. Doz., \$3.00
PRIM (1916)—Taller and much stronger than the Species Primulinus, and much larger bloom. Almost as yellow. 4X Each, 20c. Doz., \$2.00
PRIMULINUS SPECIES—This is not, strictly speaking, a variety, but a species which is native in South Africa, and is the best pure all-yellow of the species. Each, 10c. Doz., \$1.00, . 100, \$7.50
PRIMUNELLA (R-1915)—A grand ruffled butterfly, orchid-like flower. Beautiful Each, \$2.00. Doz., \$20.00
RAMONA (R-1918)—Dainty yellow. Golden throat. Beautifully ruffled Each, 50c. Doz., \$5.00
REGULUS (1916)—Tall. Large flowered, richest orange salmon with delicate yellow. Extra grand

RIGEL (1915)—Tall, softest salmon blush on delicate yellow. Extra fine....Each, 25c. Doz., \$2.50 ROANOKE (1916)—A vigorous and large, rich, yellow Prim. XK. Glory. Very fine. Each, 30c. Doz., \$3.00. 100, \$22.50 RODANO (1918)—Soft sulphur. Often all petals penciled pink. Pretty..... Each, 20c. Doz., \$2.00. 100, \$15.00 ROSALIA (R-1918)—Yellow, blushed orange. Lower petals golden yellow. Magnificent Each, \$1.00. Doz., \$10.00 SALMON BEAUTY (1915)—Very large flowered Primulinus. Deep salmon, rich salmon yellow throot..... Each, 35c. Doz., \$3.50. 100, \$26.25 "Salmon Beauty" was awarded First-class Certificate of Merit by Mass. Hort. Society, Boston, Summer of 1919. SEDAN (R-1916)—A fine ruffled Primulinus Hybrid. Rich yellow with crimson bar on lower petals Each, 35c. Doz., \$3.50 SENECA (1916)-Almost transparent, faintest wine-pink, on a delicate yellow ground. Distinct Each, 25c. Doz., \$2.50. 100, \$18.75 SIRIUS (R-1915)—Large, dark salmon, rich throat. Fine ruffled Primulinus hybrid. Each, 15c. Doz., \$1.50 SILVIS (1916)—Deepest salmon red. Fine throat. Very large and showy......Each, 25c. Doz., \$2.50 SPICA (R-1915)—A richly colored and finely ruffled Primulinus hybrid......Each, 20c. Doz., \$2.00 SWEET ORRA (1915)—Tall, fine pale sulphur. Rich pink line in throat......

Each, 15c. Doz., \$1.50. 100, \$11.25

TOPAZ (1918)—Finest salmon pink and buff. Very refined and elegant...... Each, 30c. Doz., \$3.00. 100, \$22.50 ULRICA (R-1918)—Much like "Elegant Beauty". A little lighter in color. Beauti-..... Each, 50c. Doz., \$5.00 VEGA (1916)—A very fine all-yellow, similar to "Canopus". Not quite so large a bloom, but more open at a time..... Each, 30c. Doz., \$3.00 YOEMAN (R-1918)—Large, pure salmon pink. A finely ruffled variety...... Each, 25c. Doz., \$2.50 ZENOBIA (1918)—Showy orange red. Lower petals lighter, with orange red throat. Beautiful vase flower......Each, 25c. Doz., \$2.50

COLLECTION OFFERS

Collection No. 26—Entire collection of 57 varieties described on pages 30, 31, and 32 (value, \$21.85) for \$18.55.

Col. No. 27—Omitting "Primunella" and "Gold Drop", 55 varieties (value, \$17.85) for \$15.15.

Col. No. 28—Omitting all valued at \$1.00 and above, 52 varieties (value, \$14.85) for \$12.60.

Col. No. 29—Omitting all valued at 50c and above, 46 varieties (value, \$11.60) for \$9.85.

Col. No. 30—Omitting all valued at 35c and above, 39 varieties (value, \$9.15) for \$8.20.

Col. No. 31—Omitting all valued at 30c and above, 33 varieties (value, \$7.35) for \$6.60.

Col. No. 32—Omitting all valued at 25c and above, 13 varieties (value, \$3.25) for \$2.90.

Col. No. 33—Entire collection excepting 1921 introductions, including 69 ruffled, 159 plain petaled and 57 Primulinus, an almost endless display of beauty and color variety, 285 kinds in all (value, \$124.85) for \$106.00.

Note—When ordering collections, please order by number. See special offer for early orders on page 3. GIANT FAWN





BYRON L. SMITH

Gladiolus in Mixture

TO SECURE the greatest variety and beauty from Gladiolus, it is absolutely necessary to grow them in mixture also. Anyone who has ever had the pleasure of visiting a first-class collection grown in mixture will appreciate this statement. If originators find their highest enjoyment, as they do, in growing vast numbers of kinds together, will not the average grower for pleasure derive an equal benefit from growing them in the same way? If I were permitted to grow only a limited number of kinds, each under name and number, or many varieties in a mixture, I would certainly decide in favor of the latter method; for in this way only is it possible to secure and enjoy the almost limitless variety and beauty

to be found among the Gladiolus.

"Ideal Mixture" is a selection of the best, from hundreds of thousands of our own recent productions of large flowering kinds, and contains hundreds of varieties equal to the best named. (This is the mixture described in the testimonials below.) In their production only the finest varieties, such as "Mrs. Frank Pendleton" and thousands of our most select separately growing varieties were used, resulting in a strain of the greatest vigor and variety of forms and beautiful colors. In colors, every magnificent and gorgeous combination conceivable is represented. The richest of self-colors, blotched, etc., the finest light and white and pastels of every tint or color. It also embraces numerous ruffled varieties and some of our choicest named. Each season we add many more fine kinds (all our own) to this selection. To secure the best value and variety it is necessary to obtain a considerable number of bulbs, and therefore I have decided to offer my customers and friends this season an opportunity to purchase a large and beautiful collection at a price within the reach of all.

1000 for only \$45.00. 100 for \$5.00. Dozen for 75c. 250 at the 1000 rate. 25 at 100 rate. 6 at the dozen rate.

"Glory Mixture" (1917). An entirely new mixture composed of all new varieties and one which can not be equaled elsewhere at any price. Many very choice ruffled varieties are included, some of which if sold under name would cost as high as \$1.00 each. It consists of more than 2500 different sorts.

1000 for \$85.00. 100 for \$10.00. Dozen for \$1.35.

New Primulinus Hybrids in Mixtures

"Grand Mixture". A very select mixture from our new strain described elsewhere in this catalog. The most beautiful and delicate pastel tints are found among them, and no race of gladiolus contains such harmonious blendings of color. Some of them are ruffled, but most of them are plain petaled and quite distinct from all other strains of these beautiful new hybrids.

1000 for \$45.00. 100 for \$5.00. Dozen for 75c.

"Orchid Mixture" (1917). From thousands of our latest productions in Primulinus Hybrids. Among them are many of the best ruffled varieties and it contains the rarest and most beautiful shades. Truly as beautiful as orchids. This mixture contains more than 2000 varieties. If you buy some of these this season, you will want several times as many next year.

1000 for \$85.00. 100 for \$10.00. Dozen for \$1.35.

C. A. HAENN, Penna., in a recent letter writes:

"Gladiolus sent last March have bloomed and once again, I must say that your mixture is a surprise to me. I have bought Gold and Silver medal strains from seed men that made me swear when they came in bloom, at prices double and treble what I paid you and they were merely trash, yours not one faulty one in the hundreds. I feel that you should know this and if it will benefit you, you may use my name.

Can I get an order from you this fall again? If so, advise me."

P. N. ELMORE, Gladiolus Grower, Wash., writes:

"I can truly say that I never saw finer flowers in my ten years that I have grown Gladiolus, and I have had some fine ones. Your mixture beats them all, and only one bulb that did not grow."

Please Read These Notes Before Ordering

Estimates Special Collections will be made up for any of our customers who may wish our aid in deciding what to plant. Nothing can make a finer present to a friend than a collection of choice Gladioli. Please state choice of colors, varieties you have grown and amounts you wish to buy.

Let If no objection, we will substitute a similar or better variety when out of kinds ordered.

20 Do not hesitate to send small orders, even if but for a single bulb.

We do not sell seed from any of our gladioli nor small size bulbs.

In collections we reserve the right to substitute when out of a variety. The stocks are not of the same size and late in the season some may be entirely exhausted when your order arrives.

ASS Collections can only be furnished as described, at prices given. No alterations can be made in the collections.

Where offered by the dozen, six may be ordered at half the dozen price. Less than six at single rate. Where offered by the hundred, fifty will be supplied at the hundred rate. Less than fifty at the single or dozen rate. Exception—Twenty-five may be ordered at the hundred rate in our four mixtures described on page 34.

As Safe arrival of bulbs is guaranteed to any point within the United States and Canada. Shipments will be made any time after February 15th, within these two countries.

Foreign shipments. We can not guarantee safe arrival to foreign countries (except Canada) due to the delay and risk in transit which is entirely beyond our control. Special effort will be made to ship in proper season, to send only first-class, well cured bulbs, also to pack well, but we can not replace any stock arriving in unsatisfactory condition. From reports received from foreign customers we find that about 90% of shipments arrive safely and in good condition.

The endless color combinations and remarkable shades and tints in The Gladiolus are unsurpassed by any other flower.

ATT Don't forget that the children would enjoy a few of our wonderful gladioli for their garden. Have you thought of teaching them the art of making the home and its surroundings beautiful? It will prove very valuable to them later in life.

**Send orders early to be more certain of getting all varieties wanted. Late orders coming during our planting season may be delayed a few days.

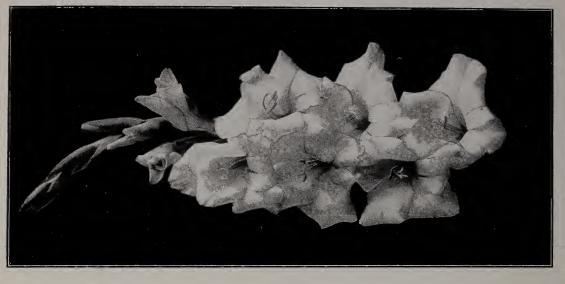
As the originator of the Ruffled Gladioli I am in a position to offer my customers a far larger and better collection of these beautiful new types than any other grower whose varieties of this form has only been produced from mine. As all the varieties listed are good to very good propagators, our customers can be assured of full value. Even though you may think some of the prices a little high, the increase in two years makes the first cost insignificant.

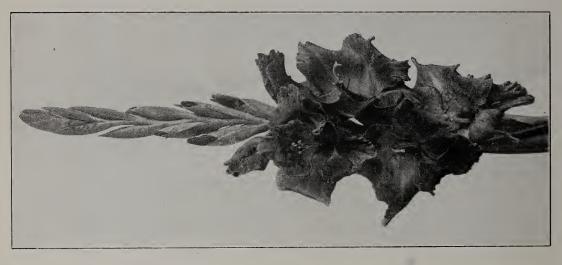
We have on our grounds more than 6000 distinctly different varieties growing separately. The varieties offered in this catalog have been selected from this collection. From year to year as the many other choice ones increase in quantity new ones will be added to our lists.

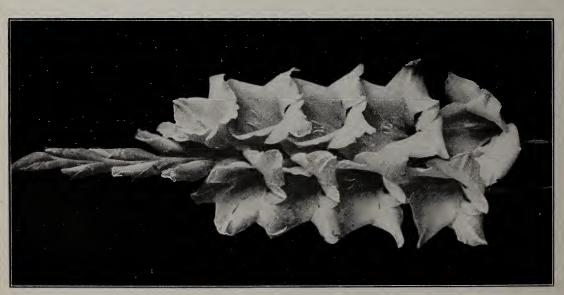
*** Terms. Remittances must accompany all orders. Unused U. S. stamps will be accepted in payment of orders amounting to less than \$1.00.

All goods are sent prepaid at prices quoted in this catalog.

References. We refer by special permission to the following Goshen banks:—Elkhart County Trust Company, City National Bank and Salem Bank.

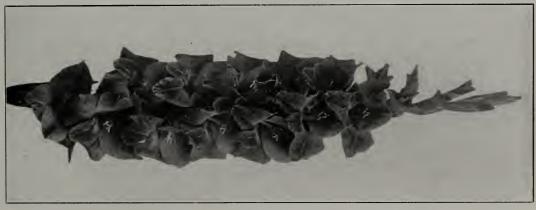








FIRE RIBBON





Proof of Superior Gladioli

WHAT OTHERS THINK OF OUR VARIETIES

W e are as pleased with the many fine testimonials sent us, as our patrons are with their success with our beautiful flowers. The name Kunderd stands for the highest in gladiolus, as "Kunderd's Gladiolus" has become a familiar phrase in the finest gardens all over the world. It is a great pleasure to offer, each year, some new testimonials from some of our patrons. After all, it is of greater importance to you what our customers say, rather than to be entirely dependent on our own representations.

LUTHER BURBANK, "The Wizard of Horticulture," Santa Rosa, Calif., writes under date of Nov. 22, 1910: "The Ruffled Gladiolus which you sent me last spring (Kunderdii Glory) bloomed nicely this summer. It is a fine light color, elegantly ruffled, and a strong, healthy grower. The Ruffled Gladiolus, like the Ruffled Sweet Peas, have a refined appearance which the common flat ones do not possess."

MATTHEW CRAWFORD, Author of "The Gladiolus" and "Dean of the Gladiolus Fraternity," whose judgment is deferred to by all who know him, says, writing from Cuyahoga Falls, Ohio, under date of March 11, 1910: "I have grown Kunderd's New Ruffled Gladioli for several years and am charmed with them. They are immensely more beautiful than the plain." Again: "Mr. Kunderd was the first man in the world to produce Ruffled Gladioli by scientific methods."

DR. W. VAN FLEET, Expert in charge of U. S. Department of Agriculture, Bureau of Plant Industry, formerly the great Horticulture Editor of the "Rural New Yorker", Originator of Princeps, etc., says: "I am glad to hear of your continued success with the Ruffled Gladiolus. The one you sent me two years ago (Kunderdii Glory) is very beautiful indeed; good color, fine spike and substance, and exquisite finish."

MESSRS. T. C. THURLOW'S SONS, West Newbury, Mass. ("The Peony Kings"), on December 25, 1915, wrote: "We liked the Gladioli you sent us last spring very much, especially the 'Kunderdii Glory' which is one of the finest light-colored ones we have ever seen."

L. MERTON GAGE, Ex-Secretary of The American Gladiolus Society, wrote us in the summer of 1909: "'Ruffled' is in bloom. 'Grand' does not begin to express it. It is the 'sans pariel' of all Gladioli."

S. E. SPENCER, Woburn, Mass., Member of The American Gladiolus Society, says: "They are the wonder of the whole neighborhood," etc., etc.

GEO. CHURCHER, England, 1919, writes: "Your announcement in this month's 'Glower Grower' made me very sad, as I was looking for your catalog by every mail. When I exhibited some of your varieties in London this year I had many inquiries for your address and I have no doubt you have heard from some. Mr. Barr wrote me on more than one occasion and I sent him a bloom of 'Purple Glory', with which he was very much struck. I also sent you a page of the 'Queen' which contained a notice of one of my exhibits. Now I must exercise my soul in patience until next year, perhaps again to be disappointed. I was wondering whether the purchaser was Mr. Cave, of Essex. He told me that he was growing on all your Primulinus varieties for his son, who is now at one of the Horticultural Colleges, so that he might have a good stock available by the time his son was ready to go into the business. While congratulating you on your great success this year, I hope that you will give your old friends a 'look in' next year."

B. H. SPENCER, Mass., 1920, writes: "I hope next spring you will be able to supply bulbs, for there are none I know of to compare with them. People visiting my garden this summer picked your varieties out every time and asked why such a difference in size of growth and bloom. My answer: The race Kunderdii, properly grown and true in name and quality."

ALICE E. COLLINS, Mich., 1920, writes: "I was disappointed in not being able to get my bulbs from you last year. My 1918 ones were beautiful this year. One blossom was $5\frac{1}{2}$ inches across and the plant five feet high."

JAMES H. McCALLION, Rhode Island, 1920, writes: "I am sending you the list of bulbs selected for our garden this summer, and am afraid you'll have to tell me you really can't send them to have me believe it. But I want Kunderd bulbs, and if I have to wait for them another year, I will, as now that I know the difference, no others would satisfy."

W. G. MAUCH, Iowa, 1920, writes: "We wish to thank you again for the pleasure which your bulbs have given us. 'Rosalind' was simply grand. We might add that the entire community has admired your Gladioli; they are to all who see them a marvel in floral beauty."

JAMES ALLEN, Ontario, 1920, writes: "Last year I was unable of get any of your Gladioli and I am now looking at what I got from elsewhere and am very much disappointed at the result. Will you have some for sale this year? I am wishful to get my order to you early so as not to be disappointed again."

ALBERT DEDE, Antario, 1920, writes: "I sure enjoyed the visit to your farm. I took note of many varieties that I must have. I have before me a wonderful spike of 'White Ivory'. 'Gov. Hanly" is doing fine this year, also 'Creston', 'Kasson', 'Nampa', etc. A surprise this year was 'Snow Flake', as beautiful a white as I ever saw and a large flower."

H. CRAWLEY, Australia, 1920, writes: "I wrote you on the 17th of March informing you that Gladioli had arrived safely and were already in bloom. Since then several have flowered and I can assure you they are the admiration of all. I have exceptionally good blooms on the 'Tempa' and 'Magic', which two appear to be the general favorites among my friends who have seen them. The 'Tempa' has no less than eight beautiful large blooms out at once. The 'Ida Van', 'Black Pansy' and 'Estella' also are greatly admired. They appear to do wonderfully well in our climate. I took the blooms to my office (Dept. of Defence, Commonwealth of Australia), where there are over 200 at present employed and I can assure you there were very few who did not see them. My friends are so much enraptured that already I have secured several orders and am giving you preliminary notice to reserve for us collections on pages 22, 23, 26 and 27 of your 1919 catalog and 50 Glory Mixture, also collections on pages 36 and 38 (Primulinus Hybrids). I hope to considerably increase this."

MRS. JENNIE HEIR, Ill., 1920, writes: "I am an ardent admirer of the Kunderd Gladioli and was very much disappointed at not being able to buy any from you this year. I am in possession of a few bought last year and they are so far superior to any I have that I would like to have more of them."

AARON H. LOHMAN, Minn., 1920, writes: "Personally I think 'Scarlano' is one of the very best reds in the trade and if in your fields they are doing as well, I think it would be a kindness for you to give it more prominence in your catalog, so other Glad. lovers will try it. It has large strong spikes with a wonderfully beautiful large truss of brilliant scarlet blossoms, well opened and well placed, mostly all open at one time."

JOHN E. SNELL, Maine, 1920, writes: "I never have found any 'rogues' in the bulbs bought direct from you."

N. W. WARNER, Vermont, 1920, writes: "In years past I have purchased Gladioli corms from you. They have proved very satisfactory and ahead of anything procured elsewhere."

S. W. ROGERS. Mass., 1919, writes: "I only had six bulbs from you last year, but they were so fine I want some more and am sending my order early. \$12.50."

W. P. WHITE, Ill., 1919, writes: "I found the "Red Amaryllis' to be the largest Gladiolus I have ever grown."

WM. A. WILBUR, Mass., 1919, writes: "In the spring I received from you some very fine bulbs. They bloomed and we never saw such blossoms. They have a beauty all their own."

I. L. BAUMGARTNER, Iowa, 1919, writes: "Words fail me in expressing my pleasure raising the Ruffled Gladioli which I ordered from you last spring."

MRS. E. H. BARNES, Fla., 1919, writes: "Last March I ordered eighteen new Ruffled varieties. Each one of the eighteen was a gem and a delight to the eye. I shall order more for next spring."

- E. L. STONEBROOK, Gladiolus Grower, California: "We are enjoying your Ruffled Gladiolus, and the 'Pendleton', which are in bloom. Your creations are superb."
- J. G. BURROWS, Landscape Gardener and Florist, Onset, Mass.: "You have erected a monument to your memory that will live as long as history, and far outshine the great monumental or memorial Woolworth building in New York City."
- E. T. BARNES, Expert Dahlia Grower, Spencer, Ind., (National Co-Operative Show Gardens), writes: "I have often heard and read of Kunderd's Gladioli, but I did not expect to see as extensive a place as you had. You are certainly deserving of all the credit you have received and more."
- HAROLD J. CHILD (Decorator), Toronto, Canada, writes October 8, 1917: "The season is almost over, although some of your Gladiolus are still blooming. I cannot find words to express the great pleasure I have had for two months in seeing your Gladiolus come into bloom, each seeming to surpass the previous ones. The flowers were wonderful, the colors heavenly. I have many other varieties, but they cannot compare with yours. I am waiting for next spring when I shall certainly get many more from you."
- C. M. SCRACE, Los Angeles, Cal., writes under date of Feb. 8, 1917: "From my trials of your bulbs last year I should say your new varieties do exceptionally well in our climate. Under just ordinary care (without use of fertilizer), 'Old Glory' gave blossoms six inches across, 'White Glory' five inches, 'Youel's Favorite', the eighth flower out, six inches across, 'Red Amaryllis' six inches, etc."
- GLEN P. HOWARD (Landscape Gardner), Harlan, Iowa, wrote us Aug. 30, 1917: "I wish to say that I was very much pleased and delighted with the bulbs I ordered from you last spring. I ordered only a few, but I can tell from them the quality of bulbs you raise. You may look for an order from me next spring, and it will be a larger order than last."
- MRS. C. A. BRIGGS, Sacramento, Cal., writes under date of August 30, 1917: "This has been a summer of glorious surprises in my Gladiolus garden. Such a wealth of beauty among the new sorts I bought of you. I did not believe it possible to produce another Gladiolus as beautiful as 'Mrs. Frank Pendleton', but you have done so, not once but several times. 'Mrs Dr. Norton', 'Byron L. Smith', 'Mona Lisa', 'Rose Glory', 'Mary Pickford', etc., are in the same class. I will surely send you another and larger order next year."
- REV. J. R. LAWRENCE, Vermont, 1917, writes: "The Gladiolus you sent me were extra fine. I appreciate your kindness in sending me such splendid stock. Would not hesitate to commend it to any one looking for the best in Gladioli."
- REV. F. J. JANSEN, St. Vincent's Rectory, Elkhart, Ind., writes: "The bulbs of Gladioli I bought from you last spring were a revelation to me. The ruffled edges, the magnificent size of blossoms, and the delicate coloring, I deemed impossible of attaining. I have sixty different roses blooming in my yard, and while they make a fine appearance, I think the Gladioli make a more gorgeous showing."
- P. W. STEUHMER, Nurseryman, Wis.: "I like your mixtures. They cannot be improved. You certainly have my praise and wonder. Every one is a prize and no end of colors."
- E. COLVIN, Wash., 1917, writes: "Please do not forget me when sending out your next catalog. Last spring I sent \$5.00 each to several Gladiolus growers, leaving each to send their choice. I received various amounts, some as high as 100 bulbs. You sent me one each of nineteen (19) varieties. I planted each shipment by itself, and you caught my idea exactly, as each bulb turned out to be a beauty, and I had more real pleasure and learned more from the nineteen than from some shipments that had 100."
- ERNEST PHILLIPS, Superintendent to Commodore E. T. Gerry, Esq., R. I., 1917, writes: "It is with great pleasure that I write you regarding your strain of Gladiolus. This is the second year that I have tested out your stock alongside of several others, and they certainly prove far superior in growth and flower. I shall grow your stock only in the future, and you certainly deserve great credit for your work. I wish you every success."

- W. H. PURPLE, N. Y., 1917 (after visiting our farm), writes: "I came away from your place with the impression that it was probably impossible to improve on your methods of handling Gladiolus. I did not believe there was anybody who could keep a field in such excellent condition and everything so carefully labeled and tagged and free from rogues as your fields appear to be. This is doubtless one of the primary reasons why your bulbs always please as well as the fact that you probably have the best bulbs on the market."
- MRS. GRACE B. ROBERTSON, Wash., 1917, writes: "I have been admiring the beautiful Gladiolus you sent my sister last spring, and can hardly wait until I have some gorgeous beauties like them for my own garden. I think a man who has given so much beauty and joy to the world should be remembered by coming generations. He needs no greater monument than the beauty he has created. I am just one humble individual, but I do appreciate the gorgeous beautiful flowers that come from the bulbs you send."
- W. W. WILMORE, Gladiolus Specialist, Colorado, 1915, writes: "I have watched your new productions with great interest and heartily congratulate you upon your success. I have grown several of your varieties and as yet I have the first one to see that I would not consider first-class. In fact, I think so much of the ruffled type that I have taken the liberty of having an etching made which I have adopted as a letter-head."
- A. L. WOODWORTH, Conn., 1916, writes: "I am much pleased with the Ruffled Gladiolus you sent me last year. They were by far the most beautiful Gladiolus I had ever seen."
- WM. J. STEWART, Editor and Manager of "Horticulture", Boston, writes: "The Gladiolus bulbs you sent me did splendidly, and the beauty of the flowers has enthused the neighborhood. They will be satisfied next year with nothing short of the finest new sorts."
- N. LEON WINTZER, Gladiolus Grower, West Grove, Pa., wrote us May 22, 1916: "Your kind letter of the 17th is noted, and I only wish I could take to myself the expressions therein, but you evidently have confused me with my father, Mr. Antoine Wintzer, who is the producer of many of the newer varieties of cannas. I passed your good words on to my father—coming from Mr. Kunderd they mean a great deal to him."
- P. N. ELMORE, Gladiolus Grower, Tacoma, Wash., wrote us Sept. 13, 1916: "I can truly say that I never saw finer flowers in my ten years that I have grown Gladiolus, and I have had some fine ones. Your mixture beats them all, and only one bulb that did not grow."
- JOHN I. BEGGS, President of Wisconsin Light, Heat and Power Co., Milwaukee, Wis., writes under date of March 30, 1916: "Last year I set out at my country place, Beggs Isle, Oconomowoc, Wis., over 3,000 Gladiolus from many different sources and of many varieties, and I have no hesitation in stating that those received from you were the best of the entire lot, the bulbs being large and the blooms and foliage profuse and highly attractive."
- ORR BROTHERS, Horticulturists, etc., Lower Hutt, New Zealand, wrote under date of Aug. 17, 1916: "We are pleased to inform you that every one of the Gladiolus corms which we had from you germinated splendidly, and that the flowers are simply magnificent."
- HOWARD BLACKLY, Kalispell, Montana, wrote under date of Sept. 18, 1916: "The Gladioli I got from you last spring, a sample of your selection, have done surprisingly well. Their growth was remarkable for vigor. 'Red Amaryllis' is an astonishing flower. Shall send you as large an order as I can afford next spring."
- HENRY YOUELL, Secretary of Am. Gladiolus Society, and who has had a lifelong experience with Gladiolus (Mr. Youell's father was a famous English nurseryman and the introducer of "Brenchleyensis"), writes: "I cannot express the pleasure your letter gives me in hearing that after your great fight you have won out, and are reaping the benefit of your wonderful productions. Without flattery, no one has produced such beautiful flowers as you have, and the name 'Kunderd' will be handed down with honor to future generations, as the originator of our most

beautiful creations. Believe me when I say that among all the men in the trade that I know there is no one I would rather have fortune smile upon than yourself, for you have made a most honorable up-hill fight, so very different from some you and I know. Long may prosperity smile upon you and yours."

S. F. MORTON, of the Eve. Express Pub. Co., Portland, Me. (also member of the American Gladiolus Society), says: "I never saw such fine flowers in a mixture. I had bulbs from all over the world, but with those you sent me and others of your growing I had from other dealers, your bulbs showed the most beauty and variety, and were wonderful in their vigor and productiveness. Two of your varieties alone were worth the whole season's work, but as the summer progressed and 'Myrtle', 'Summer Beauty', and many others that had your name attached, came along, I was really proud that on this side of the water we could hold our end up so well. I was especially struck by the showing yours made alongside of others, not only in beauty and size of blossoms, but in the sturdy health of your plants which seemed to be universal."

REV. MAGEE PRATT (the Author), Conn., writes: "My Dear Mr. Kunderd:—I thought that I ought to report to you, as the Gladiolus season is over with me. I have never had finer flowers than this year, and never seen so fine as yours before. I have known the flower for forty years; have seen the best in England, grown from the finest in Europe, and your productions excel any and everything in the Gladiolus family. In fact, they have spoiled my own for me. I have a mixture made up of the best varieties I could buy in large assortment, but it is far inferior to yours, and the worst of yours is this: that its superiority is so self-self-evident that my own look mean. Only a few of my named varieties, such as 'Panama', 'Rosella', etc., should be allowed in the same garden as your productions."

E. H. CUSHMAN, Ohio, one of the oldest growers, and a leading authority, writes: "What you are doing is probably the most important work on the Gladioli ever undertaken. I consider it much ahead of anything Mr. has done."

Recently he has written again: "You have made astounding progress since I quit the business, five years ago."

H. E. MEADER (elected President of The American Gladiolus Society, 1919), N. H., wrote 1916: "In several years' experience with your methods, permit me to express my appreciation of you as a straightforward business man who can always be depended on for a square deal, most generously measured. In a selected collection of the choicest varieties from the most noted specialists, both here and abroad, your exquisite creations proved the premier attraction of my gardens, and I have exhibited them to my entire satisfaction at several of the largest shows, where they received highest honors."

REV. GEORGE SCHOENER (the great Rose Originator), wrote in 1917: "My Dear Mr. Kunderd:—The flowers from the bulbs you sent me last year were exceedingly beautiful, and I may well say excel all other Gladioli. You surely reign supreme in this branch of horticulture."

Later he wrote: "I cannot help but write you at least a few words, that the Gladioli which you sent me are now in full bloom. They are, one and all, a revelation of beauty. I must admit that the Gladioli surpass even roses in fine shades and penciling."

- J. H. SKINNER, Minn., 1916, writes: "The bulbs I got from you last spring were the most successful I ever planted. The flowers were more beautiful than any floral catalog. This means much in these days of fancy printing."
- F. G. YULE, Vice-President of C. S. Harrison's Select Nurseries, Neb., writes: "I have had the Gladiolus on my grounds for a number of years and was perfectly satisfied with my flowers until I saw yours; then I made up my mind I had never yet seen Gladioli. The nursery considers their Gladiolus acquisition as so much 'pure gold'."
- E. T. FLANNEGAN (Gladiolus Specialist), Cal., writes: "There is no comparison between your Gladioli and older kinds, for your new varieties are incomparably the best."

Again: "It is a real pleasure to deal with a man like you. And I am not flattering you. I got more than value received every time."

J. M. ADAMS, Conn., writes: "I have made out a list of new varieties which I desire, but it is hard to choose, for all the varieties you put out are full of merit. I certainly think your originations are far ahead of all others."

FOREST R. POPPE, Attorney-at-Law, Minn., 1918, writes: "I feel that in fairness to you it is fitting that I tell you what success I have attained with the bulbs which I purchased from you. While I have for years past grown Gladioli and always felt that what I had were as good as could be had, I have started to cull out my former ones with the fixed purpose of keeping yours only, as the same are far better than any I have seen. I thank you for past favors and am awaiting your next list."

C. I. SWARTWOOD, Neb., 1918, writes: "I must tell you about the Gladiolus bulbs bought of you last spring. When blooming time came I got my surprise. Your 'Ideal Mixture' is surely great. The named ruffled ones were beautiful. The intense ruffling gives them such a refined appearance. 'Snow Glory' and 'Mona Lisa' were exceptionally fine."

REV. W. G. MAUCH, Iowa, 1918, writes: "Your Gladioli have been a grand display this summer. They were very tall (some 5½ feet) and sturdy, the flower spikes long and the blossoms so delicate and rich in color and shading that we felt rather rich in having such a collection in our garden, and their cost is insignificant when compared to the pleasure we derived."

A. RORDAME, Utah, 1916, writes: "I have had in mind to write you for a long time my appreciation and admiration of the lovely Gladioli that I obtained from you. They were truly the glory of my garden."

JOSEPH J. KRUPA, Ill., one of the foremost gardeners of the Central West and a man thoroughly versed and schooled in European gardens, writes in 1917: "The trip to your place in Goshen will certainly remain with me a pleasant memory as long as I live. What I saw was beyond all my expectations. It certainly must be a source of pleasure and satisfaction to you to have developed your place to such proportions and achieve such splendid results. The acres of Gladioli fields with riots of colors and all the magnificent new introductions was a sight never to be forgotten. I can only heartily congratulate you on your achievements and wish you all the success in furthering and developing the magnificent flower which has found its way to every true garden and flower lover's hearth."

ALBERT J. COOKE, Head Designer for Nye & Wait Corp., N. Y., 1918, writes: "I am writing you to tell you how much I appreciate the selection you made for me and for your liberality. They were the finest and cleanest bulbs and the finest flowers I have ever had the pleasure of raising, and I have dealt with every one of any account in the States. The Gladiolus is my favorite flower. I am asking you to kindly make another selection for me this year. All my friends who saw my Gladiolus the past year were surprised at the vigor and beauty of your ruffled varieties. They are away 'over the top' of anything else in the Gladioli world. In looking over your fine catalog and reading the testimonials of your customers I thought that if they would only advertise your stock to all their friends you would have to enlarge your farm to take care of the orders."

G. W. IDNER, Florida, 1916, writes: "The Gladiolus bulbs you sent me are now done blooming, and, say, I thought I had seen fine Gladioli, but never until I saw yours. 'Glory' was five feet high and some had twenty-six blooms, beautifully ruffled. 'Mrs. Pendleton' was as fine as any orchid. If your mixtures come anywhere as fine as what you sent me, will want some about November."

MRS. H. A. HILDRETH, Mass., 1916, writes: "I can't tell you how much pleasure I received from the varieties I had from you last year. They were certainly very beautiful and very greatly admired by my friends and myself. I think 'Myrtle' I had from you is the most exquisite shade of delicate pink I have ever seen, and your 'Ideal Mixture' has the finest varieties I have ever seen in a mixture. Every named variety you sent me gave me the greatest satisfaction. The quality of bulbs could not have been better."

MISS GRACE RESHORE, Mich., a well-known amateur, writes: "Your Gladiolus have no equal. They certainly are in a class by themselves."

Planting, Culture, Storage, Etc.

A LTHOUGH no flower gives more satisfaction than the Gladiolus, with ordinary care and culture in average soils, it readily responds to high culture, and the superior blooms produced by special attention amply repay for the additional care. Only those who have seen the Gladiolus at its best can realize the vast difference between those produced by first-class methods, and those less carefully grown. We strongly advise our friends to employ only the best cultural methods possible under their conditions.

PLANTING AND CULTURE. It is best, if possible, to use new location, or soil, each season, so that bulbs are not planted oftener than every third year in the same soil. It is advantageous to spade in a good covering of manure late in the fall preceding the plantings to follow. The richer the soil and better the care and culture, the better the results will be. In spring, when the soil is in proper condition, spade deep and pulverize thoroughly. At planting time, only well rotted manure or high grade potato fertilizers should be used. For long blooming seasons, plant at intervals of about two weeks from first garden-making time until the middle or latter part of June. Bulbs can be planted four inches deep and over in mellow soils, and four to eight inches apart in the row. The deeper planting will help to keep the plants from falling over at blooming time. Liquid fertilizer or prepared sheep manure can be applied to the soil near the rows once every week or ten days, care being exercised not to make applications too strong. Frequent thorough waterings of the soil in the beds at evenings is a wonderful stimulant, and gives the blooms much greater sun resistance and lasting qualities. Keep the soil well worked and frequently, especially early the next forenoon after being watered the previous evening. Always keep a soil crust from forming in the rows among the plants. After blooming spikes begin to show cultivate only about two inches deep. Do not work soil when wet. Scotch Soot applied to the soil when plants are half grown, intensifies deep shades. Weak lime water applied to soil shortly before blooms begin to open is said to clarify the more delicate shades. Prepared ground bone, or other high-grade fertilizers, can be sprinkled over the soil near the plants, between rows, and raked in to good purpose. Nitrate of Soda (about a tablespoonful to two gallons of water for each dozen plants) applied to the soil near the rows once every week or ten days after buds begin to show color, is very beneficial. Or: Sprinkle the pulverized Nitrate of Soda over the soil, rake in and water.

IMPORTANT. Varieties vary in different soils and seasons. Some do their best only in alternate years. To grow magnificent Gladiolus, have soil fertile and mellow. Cultivate thoroughly and often. Water abundantly, and never leave a crust to form over the soil between rows or near the plants.

STAKING. Slender stakes of wood or bamboo painted a light green make good support for the spikes at blooming time. Where horizontal lines are used they should be fastened to end posts firmly set and the wires tightly stretched. A few more stakes should also be placed at intervals along the lines. Use strips of cloth instead of cord to tie the blooming spikes to their support. Painted white pine labels, copper wired, are very suitable for marking plants. Any seedsman can furnish these.

BLOOMING. For best results, cut the spikes when the first flowers open, and let them bloom in the house. Each morning remove wilted blossoms, cut off a little of the stems, cutting them with a long slope (not square across), rinse and give fresh water. Placing them in a cool cellar over night greatly refreshes and improves them.

Many beautiful designs can be made, either with tips of spikes or single blossoms, in rounds, ovals, fans, etc., in plates, pans, vases or shallow dishes and other receptacles. Elegant floral baskets can be arranged with fern leaves, florists' asparagus, the common garden asparagus, and various other flowers, foliage, etc.

If good bulbs are desired for the following year, four to five strong leaves should be left on the plants when cutting the spikes.

STORING. Bulbs should be dug before the plants are too ripe. In the fall, before hard frosts, dig the bulbs and cut off the tops. Dry well in the air and sunshine, cure thoroughly in-door for a few weeks, then store in a cool, dry cellar. A covering of sand while in storage (after bulbs are well cured) is a protection against frost or dampness. Keep as near 40 degrees as possible. Dampness in storage tends to develop disease.

It is best not to place bulbs more than four inches deep while in storage. Florists' flats are very suitable for this purpose. A splendid crate is made with four-inch boards, using plastering lath closely laid for bottoms. Make in sizes of two feet square, or two by three feet, etc., as may be best suited to your purpose.

HOW TO GROW PRIZE WINNING GLADIOLI BLOOMS

X/E often receive inquiries as how to grow giant flowers and plants of Gladiolus. such as are sometimes seen at exhibitions and described in catalogs. Gladioli may be grown to extremely large sizes if forced by unnatural methods, if soil and culture are of the best. If possible, the place where the bulbs are to grow should be heavily enriched the preceding year by a liberal application of the richest barn manures, well forked in, in the fall. In addition, a good coat of the same materials should be spread over the spaded surface, in order that its strength may be well leached into the soil during the winter and early spring. Some growers also add pulverized sheep manure by scattering along the trenches, before placing the bulbs, then cover the bulbs (or corms) an inch or two and give an additional application, over which the remaining soil is placed. (10 to 25 per cent. of powdered wood charcoal added to the shredded sheep manure is a valuable addition.) Complete fertilizers with a good per cent. of potash may be used to additional advantage. Do not set bulbs too thickly. If largest plants and flowers are desired, rows should be two feet or more apart, and bulbs a foot or over apart in the rows. After the plants are well grown, about the time the "spikes begin to shoot", and the soil is well warmed by the sun, a mulch of well prepared stable manure should be spread over the bed between the rows. At all times this mulch should be abundantly watered to get the benefit of the fertility and hold plenty of moisture. Never allow the soil to become the least bit dry. By carefully making application of these methods and following the other cultural advice given above, you can learn to grow "Giant Gladiolus" with blooms "six to seven inches across and spikes five to eight feet tall." (See testimonial of Mr. C. M. Scrace, Los Angeles, Cal.)

CAUTION. Do not think that all the above methods are recommended to be used at one time in any one case. Very stimulating or over-high culture does not produce as good bulbs for the following year as those produced with average care.

BULBS AFFECTED WITH DISEASE or scab may be benefited as follows: Soak bulbs in a bichloride of mercury (corrosive sublimate) solution of fifteen grains to each gallon of water for twenty minutes. Or: Use two ounces of corrosive sublimate dissolved in fifteen gallons of water and soak for two hours (for smaller amounts in proportion). Or: Use one ounce of 40% formaldehyde to each four gallons of water and immerse bulbs for twenty minutes to one hour. I have left bulbs immersed for longer periods in even stronger solutions, but care must be exercised not to make the treatment too severe for fear of injury. These treatments are generally employed just before planting. Sometimes it is best to remove the peel before bulbs are treated.

